

TRACK AND DRIVE MECHANISM FOR A VEHICLE

Abstract Of The Disclosure

A tracked vehicle capable of traversing a variety of surfaces without
5 damaging the surface traversed includes a track having an inner surface, an outer
surface, and a pitch line between the inner surface and the outer surface. Driving
lugs are attached to the inner surface of the track. The vehicle also includes a driver
sprocket assembly having a number of driving portions for engaging the driving lugs
to drive the track. Each drive lug has at least one angled sidewall which, as the drive
10 lug is engaged with the drive portion, presents a wall either substantially parallel to a
line between the axis of rotation of the sprocket and the driving portion of the
sprocket or slightly declined with respect to a line between the axis of rotation of the
sprocket and the driving portion of the sprocket.

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